

CONTRACT CHANGE ORDER MEMORANDUM

DATE: 11/23/2010 Page 1 of 2

TO: Pete Siegenthaler, Prin TE /			FILE: E.A. 04 - 0120F4	
FROM: Kannu Balan, Senior TE			CO-RTE-PM SF-80-13.2/13.9	
			FED. NO.	
CCO#: 37	SUPPLEMENT#: 0	Category Code: CHSA	CONTINGENCY BALANCE (incl. this change) \$172,066,997.81	
COST: \$510,412.00 INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>			HEADQUARTERS APPROVAL REQUIRED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
SUPPLEMENTAL FUNDS PROVIDED: \$0.00			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
CCO DESCRIPTION: Mod Susp Brackets & Handrope Sys			PROJECT DESCRIPTION: CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE	
Original Contract Time: 2490 Day(s)	Time Adj. This Change: 0 Day(s)	Previously Approved CCO Time Adjustments: 501 Day(s)	Percentage Time Adjusted: (including this change) 20 %	Total # of Unreconciled Deferred Time CCO(s): (including this change) 4

THIS CHANGE ORDER PROVIDES FOR:

Modifying the suspender brackets and cable system including, but not limited to, the following:

1. Adding suspender bracket drip plates
2. Modifying the cable band bolts
3. Adding turnbuckles to the handrope cable system
4. Removing the suspender rope size requirement
5. Revising anchor rod galvanizing
6. Recessing elastomeric collar caulk seal
7. Revising cable system painting requirements
8. Adding caulk to fill gaps between plates
9. Hot bending the suspender bracket closure plate
10. Counterboring holes through shims
11. Extending side connection plates on the suspender brackets at PP 104 and 106

Revising the first paragraph of Special Provisions Section 10-1.60, "CABLE SYSTEM," subsection "MATERIALS AND FABRICATIONS," subsection "Suspender Ropes."

Revising Special Provisions Section 10-1.60, "CABLE SYSTEM," subsection "MATERIALS AND FABRICATIONS," subsection "Anchor Rods."

Revising the eleventh paragraph of Special Provisions Section 10-1.60, "CABLE SYSTEM," subsection "MATERIALS AND FABRICATIONS," subsection "Elastomeric Collars."

Revising Special Provisions Section 10-1.71, "CLEAN AND PAINT CABLE SYSTEM."

Modifying the suspender brackets will allow for easier adjustment and eliminate interferences. Cable band bolt lengths shall be increased to correct a design deficiency and also meet manufacturer thread exposure recommendations for hydraulic bolt tensioning equipment. Adding turnbuckles improves adjustment capability of the Main Cable hand-rope system. The PWS anchor rods are too long for the rotary barrel used for mechanical galvanizing, therefore the requirement was changed to hot dip galvanizing. Section 10-1.71 "Clean and Paint Cable System" of the Special Provisions shall be modified to improve corrosion protection.

This change order resolves the costs associated with Contractor Request For Information (RFI) numbers 37, 39, 44, 88, 105, 146R1, 411, 412, 430R1, 430R2, 454, 455, 458, 470R0, 470R1, 473, 505R0, 505R1, 524, 548R0, 548R1, 548R2, 649, 719, 1397, 1638R1, and 1638R2 with respect to changes listed above.

This change order resolves Contractor Request For Change Order (RFCO) number 5 and Request for Change (RFC) numbers 27, 27R1, and 27R2.

For this change, the Contractor will be paid the agreed upon lump sum and additional contract item cost of \$510,412.00, which can be financed from the contingency fund. A detailed cost analysis is on file. Additional field work to install the suspender bracket drip plates will be addressed in a future change order.

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EA: 0120F4 CCO: 37 - 0

DATE: 11/23/2010 Page 2 of 2

No time adjustment is warranted as this change order does not affect the controlling operation.

This change order has concurrence from Gary Pursell (Resident Engineer), Peter Siegenthaler (Principal TE), Rob Kobal (HQ Oversight), Ken Terpstra (Project Manager), Bill Zanetich (Structure Maintenance), and Reza Valizadeh (Design Oversight).

The Resident Engineer requests Head Quarters CCO Desk "Issue and Approve".

CONCURRED BY:				ESTIMATE OF COST		
Construction Engineer:	Res. Eng., Gary Pursell, Sup. TE	Date	5/4/07	THIS REQUEST		TOTAL TO DATE
Bridge Engineer:	Struct Rep, Rick Morrow, Sup TE	Date	5/4/07	ITEMS	\$3,170.00	\$3,170.00
Project Engineer:	CT Oversight, Reza Valizadeh, P.E	Date	6/25/07	FORCE ACCOUNT	\$0.00	\$0.00
Project Manager:	Proj Manager, Ken Terpstra	Date	9/2/07	AGREED PRICE	\$0.00	\$0.00
FHWA Rep.:	HQ, Rob Kobal	Date	5/7/07	ADJUSTMENT	\$507,242.00	\$507,242.00
Environmental:	Struct Maint, Bill Zanetich, P.E.	Date	6/26/07	TOTAL	\$510,412.00	\$510,412.00
Other (specify):	PCE, Pete Siegenthaler, Prin TE	Date	5/7/07	FEDERAL PARTICIPATION		
Other (specify):	Design of Record, Marwan Nader,	Date	1/20/07	<input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input checked="" type="checkbox"/> NONE <input type="checkbox"/> NON-PARTICIPATING (MAINTENANCE) <input type="checkbox"/> NON-PARTICIPATING		
District Prior Approval By:	HQ Materials, Lisa Dobeck	Date	3/19/07	FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)		
HQ (Issue Approve) By:		Date		<input checked="" type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS		
Resident Engineer's Signature:		Date		FEDERAL FUNDING SOURCE PERCENT		
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